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ABSTRACT

An automatic rate response sensor mode switch is implemented in an implantable medical device to monitor and isolate any sensor in an integrated sensor scheme. The isolated sensor is based on identification of problems associated with the sensor. The implantable medical device will switch to operate with the remainder sensor(s). Specifically, an algorithm tests and determines sensor status to initiate and operate the sensor mode switch. The software continuously monitors, isolates or qualifies a sensor to come back on-line automatically.

For reference only